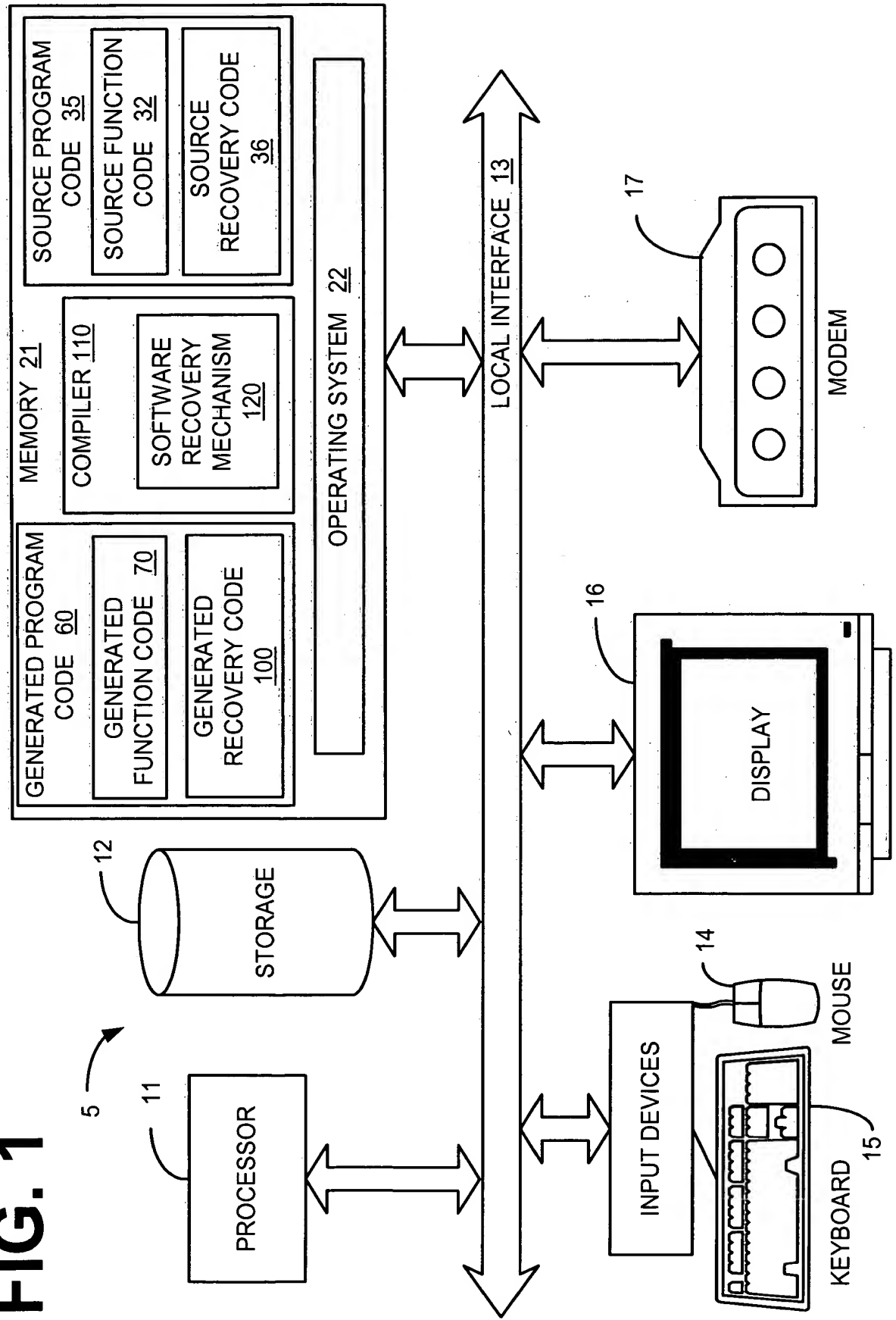


003017-11690260

FIG. 1



# FIG. 2A

PRIOR ART

```

MAIN() 31
{
    I = 0; //INITIALIZATION
    FOR (I=INIT(); I<5; I++)
    {
        // CALL FUNCTION A
        A(I);
        // FURTHER PROCESSING
        I++;
    }
}

```

# FIG. 2B

PRIOR ART

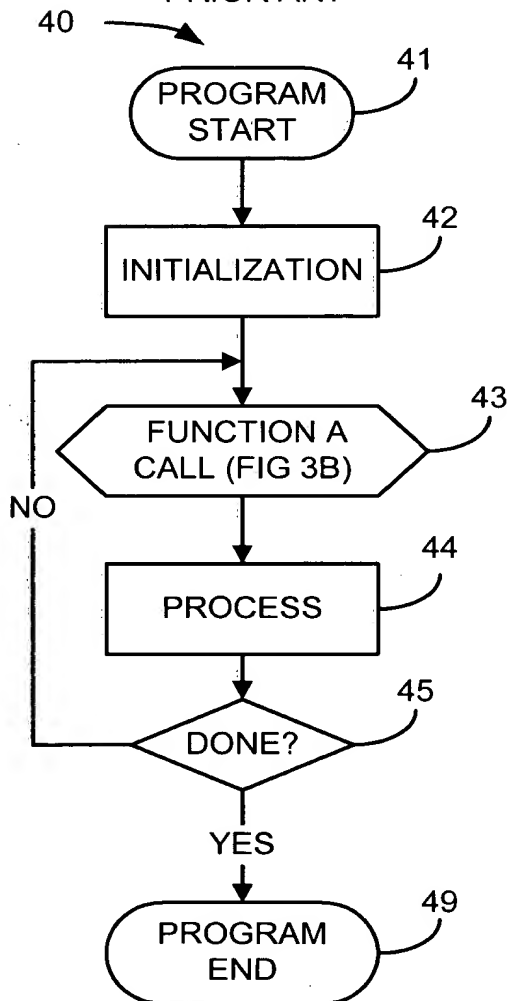
```

VOID A( INT X ) 32
{
    ASSERT(X > 0);
    // FURTHER
    // PROCESSING
    RETURN;
}

```

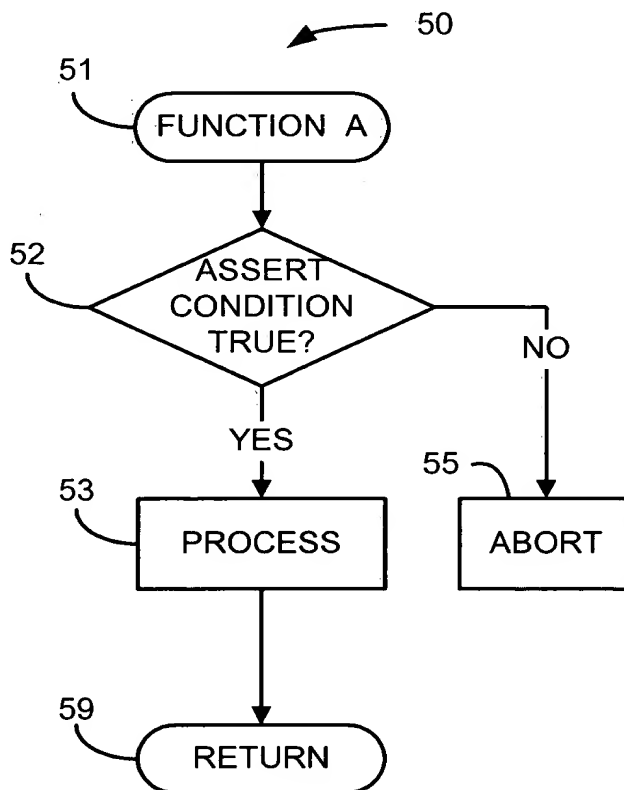
# FIG. 3A

PRIOR ART



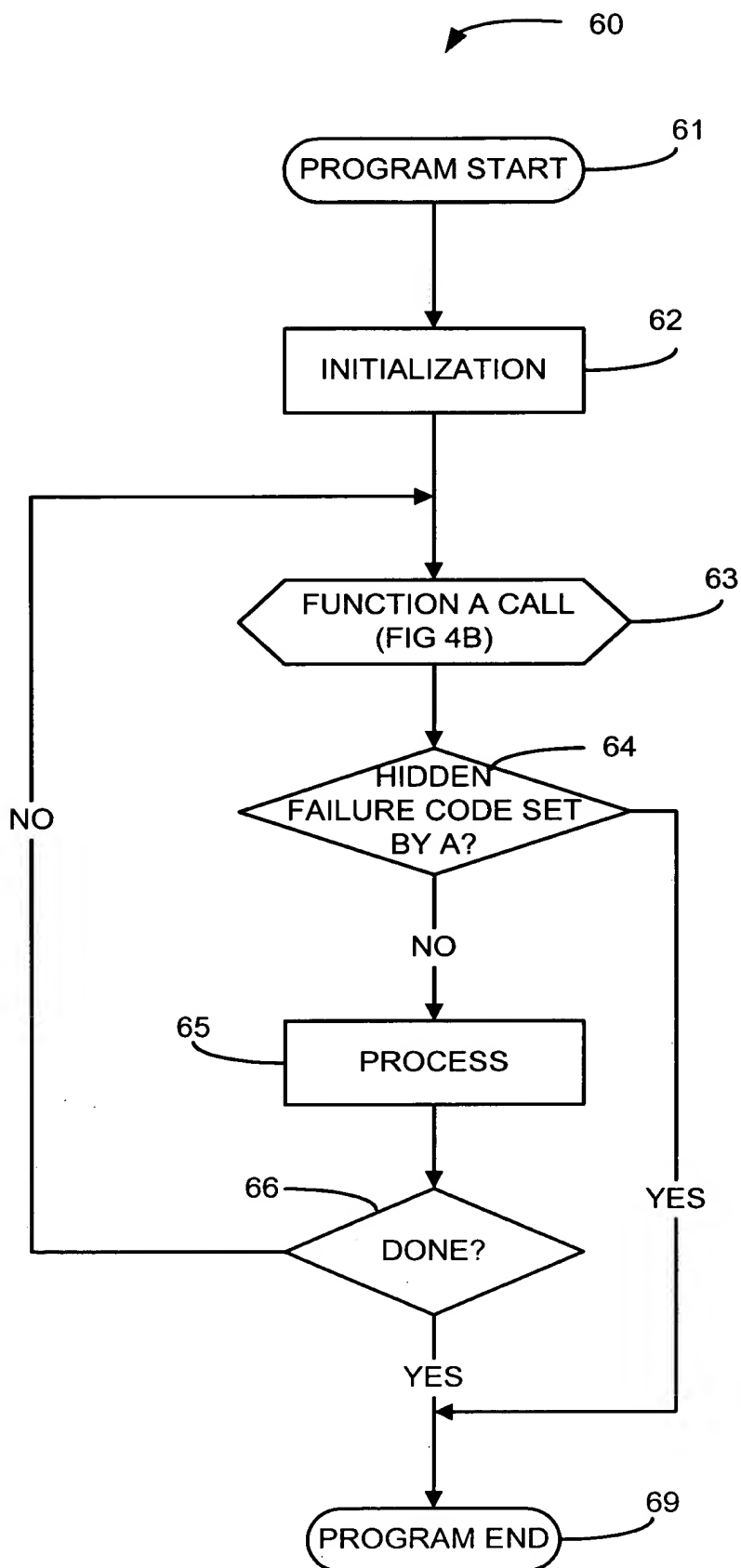
# FIG. 3B

PRIOR ART



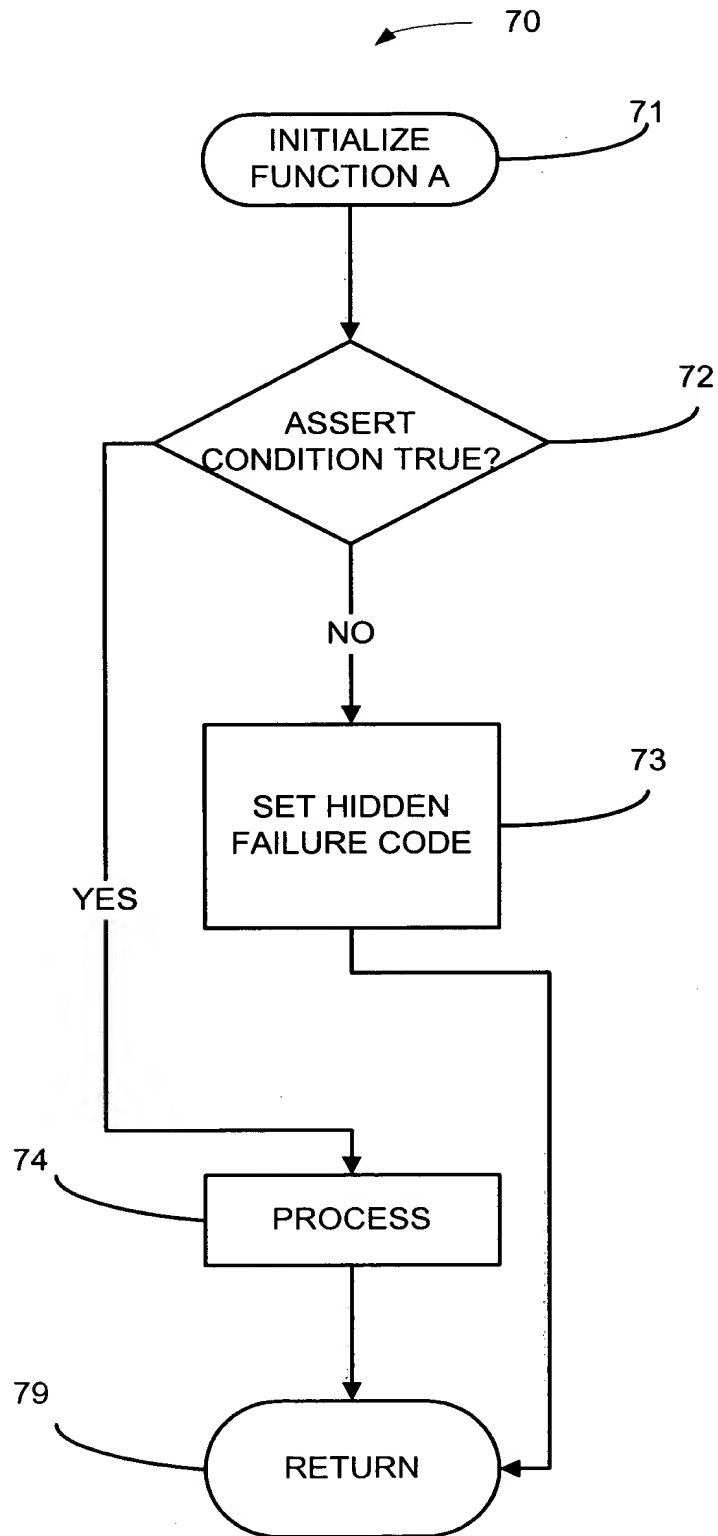
009064-14900

# FIG. 4A



009014-14900

# FIG. 4B



00907-11690260

# FIG. 5A

```
MAIN() 35
{
    I = 0; //INITIALIZATION
    FOR ( I = INIT(); I < 5; I++)
    {
        // CALL FUNCTION A
        A(I);

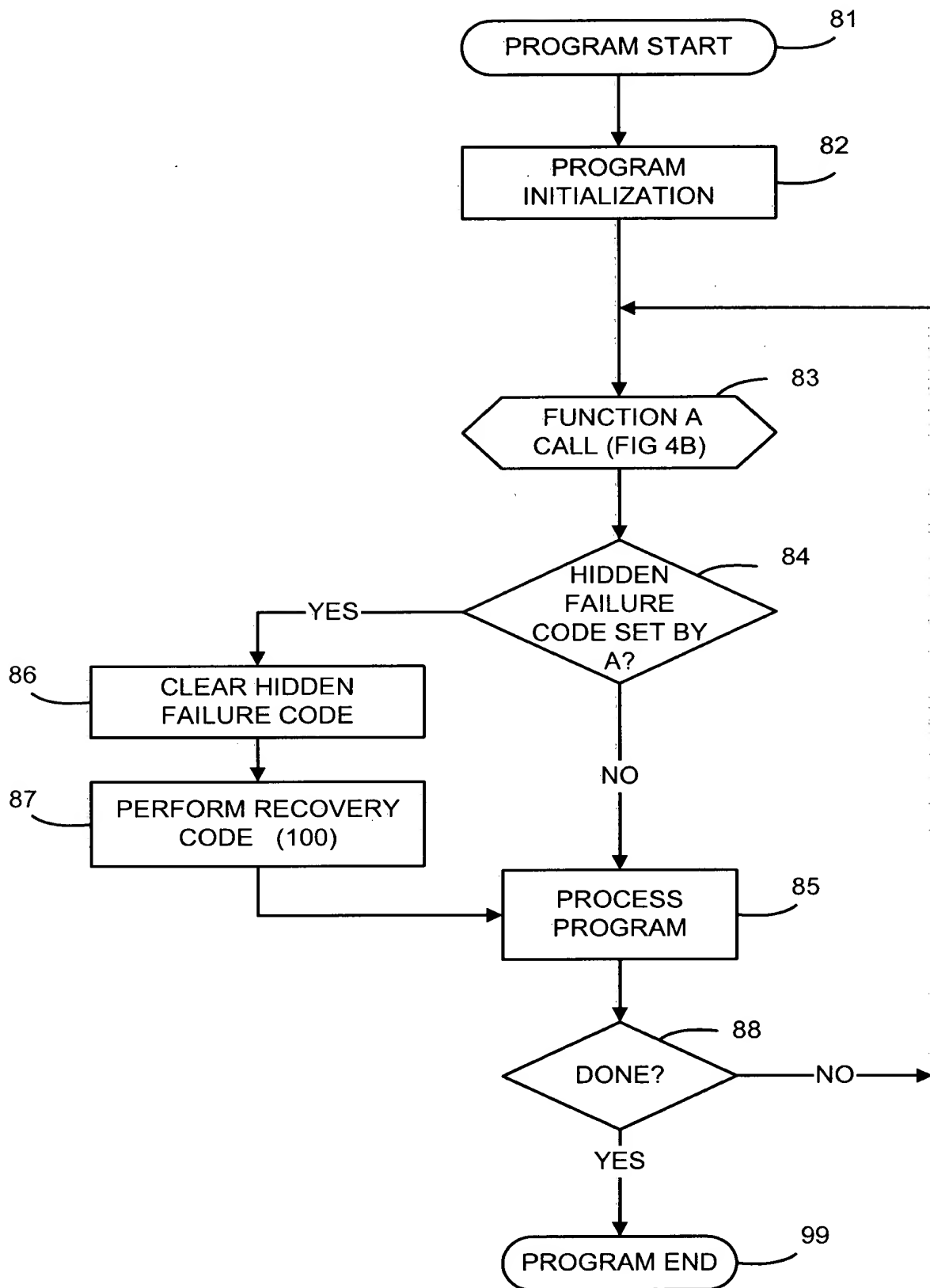
        #PRAGMA RECOVER BEGIN 36
            // RECOVERY CODE
            IF (I < -99)
            {
                ABORT();
            }
            IF (I <= 0)
            {
                I = 1;
            }
        #PRAGMA RECOVER END

        // FURTHER PROCESSING
        I++;
    }
}
```

005017-1630260

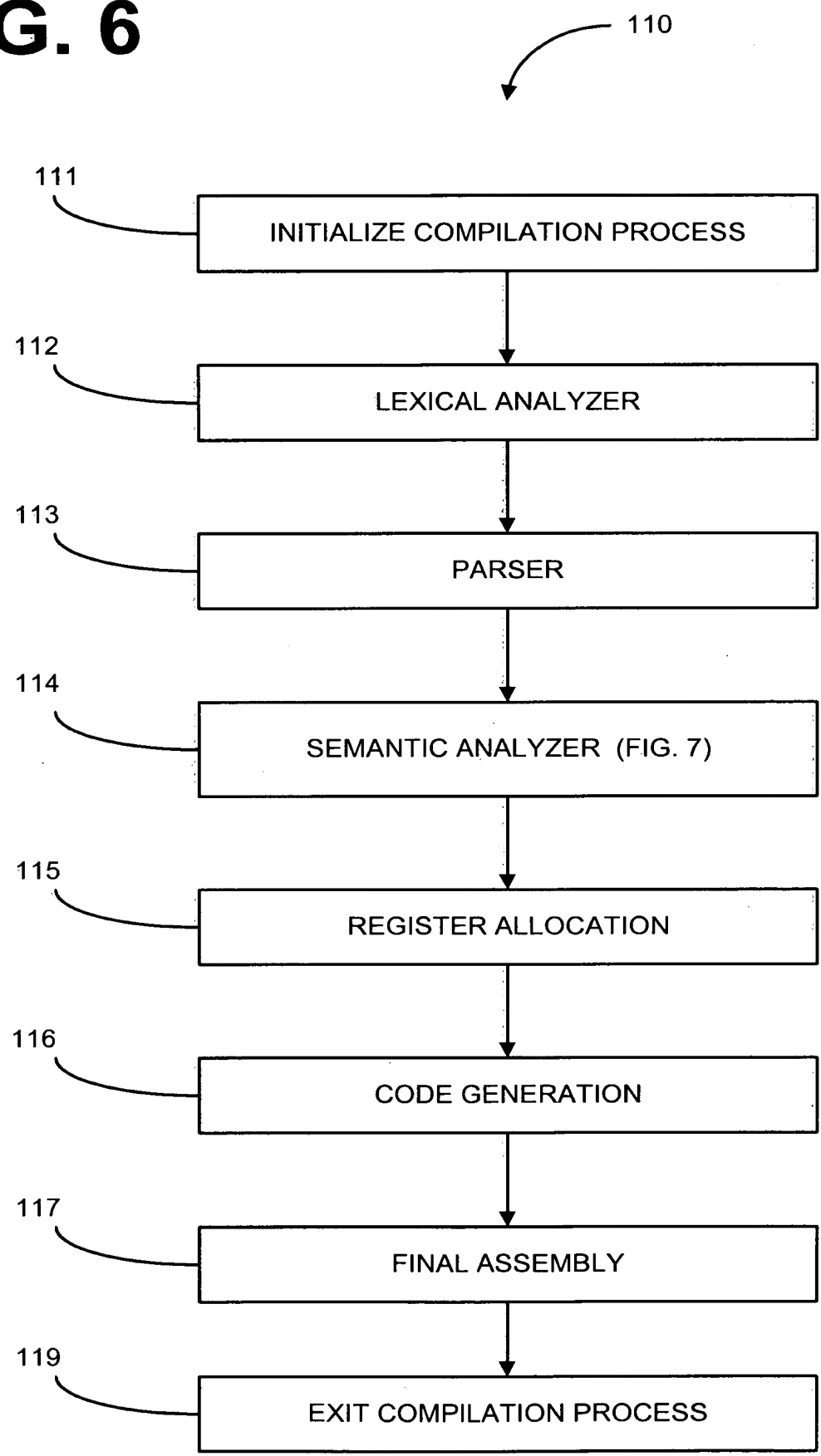
# FIG. 5B

80

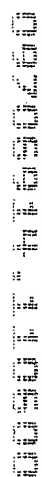


00706944-140600

# FIG. 6



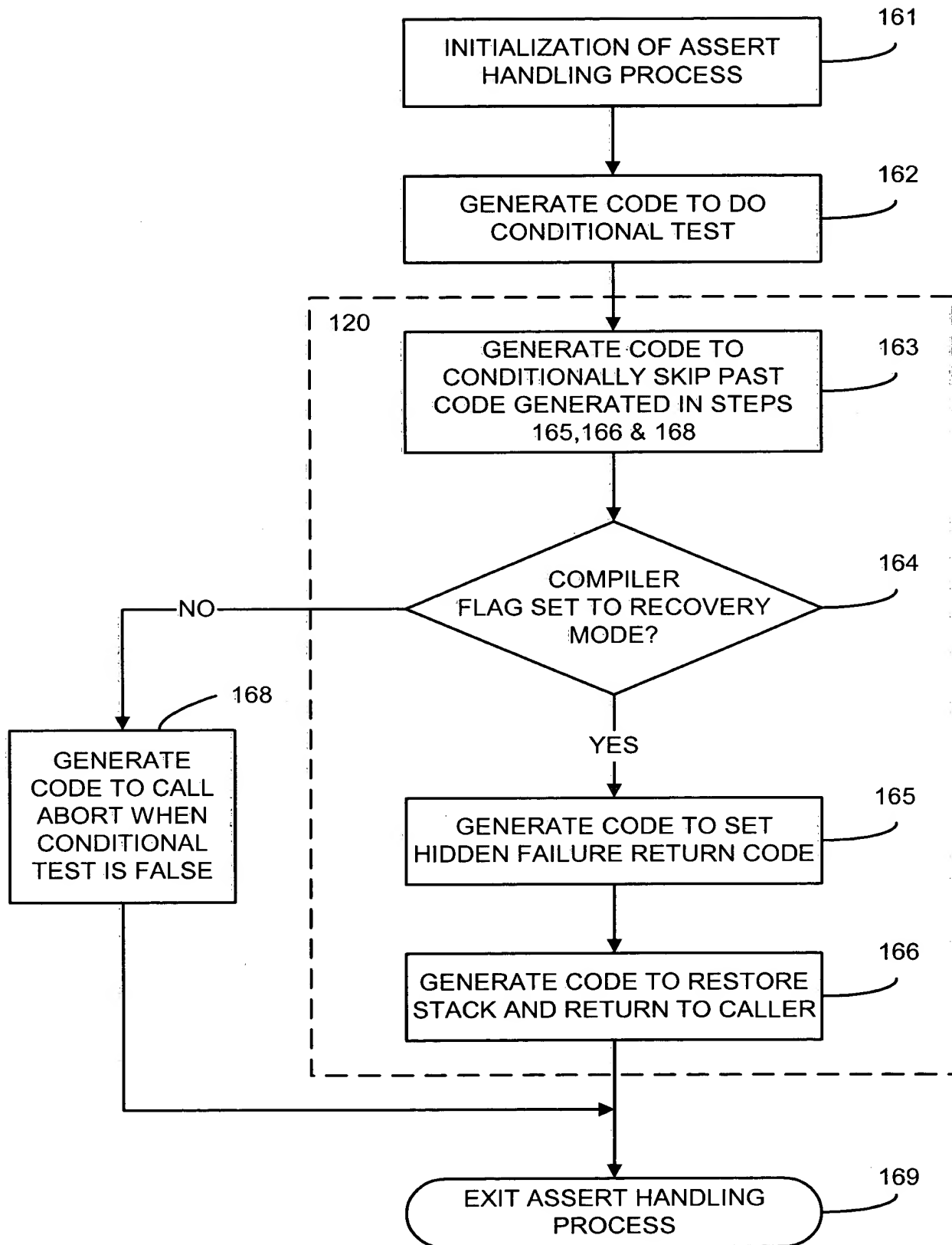
009074-10600





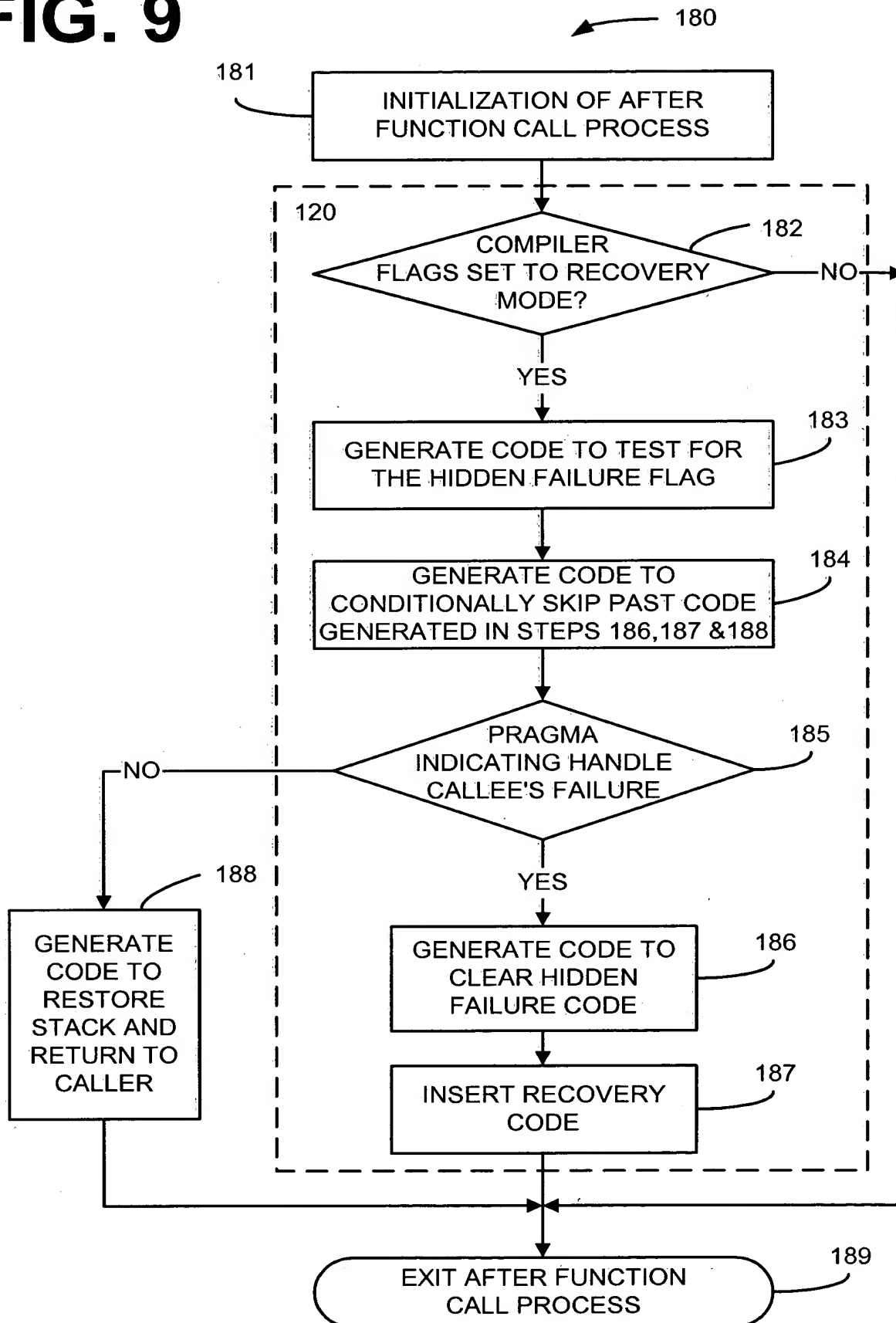
# FIG. 8

160



00904-11690200

# FIG. 9



009074-1950460